

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1898		SERIAL NO. 10/050,348			
<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-15deg);"> O I P E MAY 07 2003 342 342 342 </div>				LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gurtej S. Sandhu et al.	
				FILING DATE January 15, 2002		GROUP 2813			

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<div style="font-size: 2em; font-family: cursive;"> AA AB AC AD AE AF AG AH AI AJ AK AL </div>	AA	5,972,800	10/99	Hasegawa			
	AB	6,146,948	11/00	Wu et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AM							
AN							
AO							
AP							
AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
AR			
AS			
AT			

EXAMINER <div style="font-family: cursive; font-size: 1.5em;"> Haseena Schults </div>	DATE CONSIDERED <div style="font-size: 1.5em;"> 4/3/04 </div>
---	---

COPY

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1419 <div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> OIP MAY 07 2003 U.S. DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE </div>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1898		SERIAL NO. 10/050,348	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gurtej S. Sandhu et al.		FILING DATE January 15, 2002	
U.S. PATENT DOCUMENTS				GROUP 2813			
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AA	5,837,598	11/1998	Aronowitz et al.				
AB	6,450,116	09/2002	Noble et al.				
AC	4,605,447	08/1986	Brotherton et al.				
AD	6,207,586	03/2001	Ma et al.				
AE	5,837,592	11/1998	Chang et al.				
AF	5,334,554	08/1994	Lin et al.				
AG	6,297,162	10/2001	Jang et al.				
AH							
AI							
AJ							
AK							
AL							
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AM							
AN							
AO							
AP							
AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
AR							
AS							
EXAMINER <i>Waltera Schult</i>				DATE CONSIDERED 4/3/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							


COPY

EV182657085

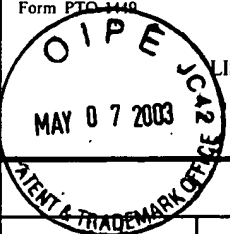
EV085432070

Form PTO-449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1898		SERIAL NO. 10/050,348		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gurtej S. Sandhu et al.				
				FILING DATE Jan. 15, 2002 [RCE filed herewith]		GROUP 2813		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
SL	AA	6,093,661	07/00	Trivedi, et al.				
SL	AB	5,994,749	11/99	Oda				
SL	AC	5,674,788	10/97	Wristers, et al.				
SL	AD	5,596,218	01/97	Soleimani, et al.				
SL	AE	5,960,302	09/99	Ma et al.				
SL	AF	6,207,532 B1	03/01	Lin et al.				
SL	AG	6,114,203	09/00	Ghidini, et al.				
SL	AH	6,110,842	08/00	Okuno et al.				
SL	AI	6,091,110	07/00	Hebert et al.				
SL	AJ	5,330,920	07/94	Soleimani, et al.				
SL	AK	6,140,187	10/00	DeBusk et al.				
SL	AL	6,197,701	03/01	Shue et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>haseenah S. Sultana</i>				DATE CONSIDERED <i>3/30/04</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

 RECEIVED
 MAY 13 2003
 TECHNOLOGICAL CENTER 2800

Form PTO 499		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1898		SERIAL NO. 10/050,348	
 LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gurtej S. Sandhu et al.			
				FILING DATE Jan. 15, 2002 [RCE filed herewith]		GROUP 2813	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>JS</i>	AA	6,331,492 B2	12/01	Misium et al.			
<i>JS</i>	AB	6,080,629	06/00	Gardner et al.			
<i>JS</i>	AC	5,970,345	10/99	Hattangady et al.			
<i>JS</i>	AD	5,885,877	03/99	Gardner et al.			
<i>JS</i>	AE	6,323,114 B1	11/01	Hattangady et al.			
<i>JS</i>	AF	6,184,110 B1	02/01	Ono et al.			
<i>JS</i>	AG	6,436,771 B1	08/02	Jang et al.			
<i>JS</i>	AH	6,413,881 B1	07/02	Aronowitz et al.			
<i>JS</i>	AI	6,110,780	08/00	Yu et al.			
<i>JS</i>	AJ	5,861,651	01/99	Brasen et al.			
<i>JS</i>	AK	5,840,610	11/98	Gilmer et al.			
<i>JS</i>	AL	5,500,380	03/96	Kim			
<i>JS</i>	AM	6,410,991 B1	06/02	Kawai et al.			
<i>JS</i>	AN	6,482,690 B2	11/02	Shibata			
<i>JS</i>	AO	6,492,690 B2	12/02	Ueno et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
EXAMINER <i>Wanda Schulz</i>				DATE CONSIDERED <i>3/30/04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
MAY 13 2003
TECHNOLOGY CENTER 2800

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1898		SERIAL NO. 10/050,348	
 LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gurtej S. Sandhu et al.			
				FILING DATE Jan. 15, 2002 [RCE filed herewith]		GROUP 2813	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>AS</i>	AA	US 2003/ 0034518 A1	Pub. 02/20/03	Yoshikawa			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER <i>Waseem S. Chaudhry</i>				DATE CONSIDERED <i>4/3/04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
MAY 13 2003
TECHNOLOGY CENTER 2810